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[Ref #]
S1
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24
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("20010045364"|"20030226763"|"3917520"|"4155712"|"4629664"|"5843297"|"6299744"|"6350
539"|"6368492"|"6432284"|"6533919").PN.
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
[Time Stamp] 2006/10/13 13:16
  [Ref #]
S2
  [Hits]
1292
  [Search Query]
(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with
membrane))) and (capillary with (action force))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
  [Time Stamp]
2006/10/14 11:23
  [Ref #]
S3
  [Hits]
493
  [Search Query]
(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (hydrogen H2)
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
  [Plurals]
ON
  [Time Stamp]
2006/10/13 13:21
  [Ref #]
S4
  [Hits]
  [Search Query]
S3 and S1
  [DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
                                               Page 1
```

10719915_SearchHistory_#01.txt

```
OR
    [Plurals]
ON
[Time Stamp] 2006/10/13 13:19
   [Ref #]
S5
   [Hits]
3
   [Search Query]
(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (hydrogen H2) and ((non-circulat$3) (non with circulat$3)) with (fuel reactant feed))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
   [Default Operator]
   [Plurals]
ON
    [Time Stamp]
2006/10/13 13:24
   [Ref #]
S6
   [Hits]
14
   [Search Query]
(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (hydrogen H2) and (((non-flow$3) (non with flow$3) (non-circulat$3) (non with circulat$3)) with (fuel reactant feed))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB [Default Operator]
OR
   [Plurals]
ON
   [Time Stamp]
2006/10/13 13:24
   [Ref #]
   [Hits]
   [Search Query]
(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (pore porous wick wick$3) and
((hydrophilic) same (hydrophobic))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
   [Default Operator]
OR
   [Plurals]
   [Time Stamp]
2006/10/16 11:09
   [Ref #]
S8
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```
10719915_SearchHistory_#01.txt
  [Hits]
1013
   [Search Query]
(electrolyzer same (fuel adj cell))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
  [Plurals]
ON
   [Time Stamp]
2006/10/14 12:01
  [Ref #]
s9
  [Hits]
  [Search Query]
(electrolyzer same (fuel adj cell) same (hydrogen H2))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
   [Plurals]
ON
[Time Stamp] 2006/10/14 12:06
  [Ref #]
S10
  [Hits]
177
  [Search Query]
(electrolyzer same (fuel adj cell) same (hydrogen H2)) and (methanol CH3OH)
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
  [Time Stamp]
2006/10/14 12:06
  [Ref #]
S11
  [Hits]
10
  [Search Query]
(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (pore porous wick wick$3) and
(((hydrophilic) same (hydrophobic)) same (pore adj size))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
[Time Stamp] 2006/10/16 11:10
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10719915_SearchHistory_#01.txt

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539"|"6368492"|"6432284"|"6533919").PN.
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
[Time Stamp] 2006/10/16 12:00
  [Ref #]
S13
  [Hits]
  [Search Query]
electolyz$3 and (mea (membrane adj electrode adj assembly))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
  [Time Stamp]
2006/10/16 12:20
  [Ref #]
S14
  [Hits]
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
  [Time Stamp]
2006/10/16 12:20
  [Ref #]
S15
  [Hits]
257
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly)) and ((cool$3 with (gas
fuel water)) ((recover recover$3) with (gas fuel water)) (condens$3 with (gas fuel
water)))
  [DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
  [Plurals]
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10719915_SearchHistory_#01.txt
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ON.
  [Time Stamp]
2006/10/16 12:22
  [Ref #]
S16
  [Hits]
162
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly)) and ((cool$3 with (gas
fuel water)) ((recover recover$3) with (gas fuel water)) (condens$3 with (gas fuel
water))) and (wick wick$3 pore porous)
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
  [Time Stamp]
2006/10/16 13:06
  [Ref #]
S17
  [Hits]
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly)) and ((cool cool$3
condens$3) near2 (methanol fuel water) with (recover recover$3))
  [DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
[Time Stamp] 2006/10/16 12:26
  [Ref #]
S18
  [Hits]
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly)) and (wick wick$3 pore
porous) and (cool$3 (port system))
  [DBs]
US-PGPUB: USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
[Time Stamp] 2006/10/16 13:07
  [Ref #]
S19
  [Hits]
53
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly)) and (wick wick$3 pore
                                         Page 5
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10719915_SearchHistory_#01.txt
porous) and (cool$3 near2 (port system))
  [DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
  [Plurals]
ON
[Time Stamp] 2006/10/16 13:19
  [Ref #]
S20
  [Hits]
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly)) and (wick wick$3 pore
porous) and ((spiral coil) same (stack))
  [DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
  [Time Stamp]
2006/10/16 13:20
  [Ref #]
S21
  [Hits]
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly)) and ((spiral coil) same
(stack))
  [DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
[Time Stamp] 2006/10/16 13:21
  [Ref #]
S2Ž
  [Hits]
  [Search Query]
electrolyz$3 and (mea (membrane adj electrode adj assembly)) and ((spiral coil
circular) same (stack))
US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
  [Time Stamp]
2006/10/16 13:25
  [Ref #]
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10719915_SearchHistory_#01.txt
S23
  [Hits]
14
[Search Query]
((fuel adj cell) electrolyz$3) and (mea (membrane adj electrode adj assembly)) and
((spiral coil circular) same (stack) same geometry)
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
  [Time Stamp]
2006/10/16 13:43
  [Ref #]
S24
  [Hits]
82
  [Search Query]
fuel adj cell with stack with geometry
  [DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
  [Time Stamp]
2006/10/16 13:29
  [Ref #]
S25
  [Hits]
  [Search Query] -
(fuel adj cell with stack with geometry) same spiral
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
[Time Stamp] 2006/10/16 13:31
  [Ref #]
S26
  [Hits]
12
  [Search Query]
(fuel adj cell with stack with geometry) same (spiral roll circular coil)
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
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[Default Operator]

[Plurals]

[Time Stamp] 2006/10/16 13:31

OR

ON

10719915_SearchHistory_#01.txt

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[Ref #]
S27
  [Hits]
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  [DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
  [Plurals]
ON
  [Time Stamp]
2006/10/17 10:50
  [Ref #]
S28
  [Hits]
40
  [Search Query]
HOIMOO8$8 and methanol and ((carbon adj dioxide) near4 channel)
[DBs]
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
  [Default Operator]
OR
  [Plurals]
ON
[Time Stamp] 2007/07/04 10:47
7/6/2007 3:35:13 PM
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